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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADINGS**DATE:** October 23, 2000**SUBJECT:** Jefferson Processing Site (Mingo Junction, Jefferson County, Ohio)**FROM:** Thomas Cook, OSC, U.S. EPA Region V, ERB, Chicago, IL

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POLREP #7**II. BACKGROUND****Site ID No:** B5C2**CERCLIS No:** OHSFN0508038**Response Authority:** CERCLA**Demobilization Date:** TBD**Delivery Order No:** 0042**NPL Status:** Non-NPL**Start Date:** August 1, 2000**Completion Date:** TBD**III. SITE DESCRIPTION****A. Incident Category**

CERCLA Removal at an inactive facility

B. Site Description**1. Site location and background**

See POLREP #1.

2. Description of threat

See POLREP #1.

C. Preliminary Assessment/Site Inspection Results

See POLREP #1.

IV. RESPONSE INFORMATION

A. Situation and Actions Taken

1. Current situation

A total of approximately 33,000 gallons of non-hazardous (i.e., <50 ppm PCBs) and hazardous (i.e., ≥50 ppm PCBs) oils from 18 transformers have been drained and transported off site for treatment and/or disposal. A total of 11 transformers and their vaults have undergone demolition, cleanup, and dismantling work in preparation for removal operations and transportation and disposal (T & D). A total of 159 capacitors have been inventoried, overpacked into salvage drums, and transported off site for disposal. U.S. EPA, START, Emergency and Rapid Response Services (ERRS), and ERRS subcontractor personnel began Phase IIB/C of the planned removal actions on October 16, 2000. To date, a total of three transformer carcasses (i.e., J1-A, J1-B, and J1-C) have been transported off site for disposal. Additionally, the ERRS subcontractor has removed the radiator fins from one of the Substation transformers and has repositioned seven transformers in Buildings J1 and J2 in preparation for removal by crane for T & D.

2. Removal activities to date

On Monday, October 16, 2000, the ERRS subcontractor repositioned transformer carcasses J1-A, J1-B, J1-C, J1-I, and PH-M in preparation for removal by crane for T & D. Additionally, the ERRS subcontractor performed prep work on the Substation transformers.

On Tuesday, October 17, 2000, the ERRS subcontractor repositioned transformer carcasses J1-E, J2-N, and J2-Q in preparation for removal by crane for T & D. Additionally, the ERRS subcontractor continued dismantling the Substation transformers.

On Wednesday, October 18, 2000, the ERRS subcontractor repositioned transformer carcasses J1-D and J1-H. Additionally, the ERRS subcontractor dismantled the top bushings from the three Substation transformers and completely removed 16 radiator fins from Substation transformer SS-L.

On Thursday, October 19, 2000, the ERRS subcontractor cut away the railing/fencing on Level 2 in Building J1 which was blocking the crane boom access to transformer J1-D. The subcontracted 80-ton crane for transformer removal operations arrived on site. Transformer carcasses J1-A, J1-B, and J1-C were transported off site for disposal by a T & D subcontractor. Additionally, the ERRS subcontractor utilized a cutting torch to cut the radiator fins on Substation transformers SS-J and SS-K.

On Friday, October 20, 2000, the ERRS subcontractor performed the following tasks:

- Removed transformer carcass PH-M from the Pumphouse.
- Loaded transformer carcasses J1-I and PH-M onto the flat-bed trailer in preparation for T & D.
- Relocated transformer carcass J1-H on the ground inside Building J1 following the removal of the railing/fencing on Level 2 in Building J1.
- Cut away a section of the I-beam header at the Level 1 balcony where transformer J2-N is located.
- Removed a large blower from Level 2 in Building J1 which was blocking crane boom access to transformer J1-D.

B. Planned Removal Actions

- Phase I: Removal and off-site disposal of all capacitors and miscellaneous containers of hazardous materials.
- Phase IIA: Demolition, cleanup, and dismantling of transformers/vaults.
- Phase IIB: Removal of transformers via rigging/cranes.
- Phase IIC: Transportation and off-site disposal of all transformer carcasses.

C. Next Steps (by Friday, October 27, 2000)

- Removal and T & D of remaining transformer carcasses.
- Transportation and off-site disposal of all miscellaneous containers and solid waste.
- Demobilization of all personnel, equipment, and supplies.

D. Key Issues

- 24-hour on-site security is to be maintained due to an increase in public awareness of the Site.

V. ESTIMATED COSTS (AS OF C.O.B. ON 10/20/00)

EPA Costs	\$39,593.96
ERRS Costs	\$377,760.38
<u>START Costs</u>	<u>\$42,387.92</u>
TOTAL COSTS TO DATE	\$459,742.26
 Project Ceiling	 \$633,000.00
Project Funds Remaining (percentage)	27.37%

VI. DISPOSITION OF WASTES

<u>Dates Removed</u>	<u>Waste Category</u>	<u>Approximate Volume (gallons)</u>
8/26/00	"High-level" (>500 ppm) PCB oils	3,365
8/26 and 8/28/00	"Low-level" (50 to 500 ppm) PCB oils	19,590
8/30/00	Non-hazardous (<50 ppm PCBs) oils	9,633